

On page 33, line 12, after "ATAATATGCGCGGGGGGCGCGC " insert -- (SEQ ID NO:20)--.

On page 35, line 4, after "CCCTTGGCAGTGGGAAGGG " insert -- (SEQ ID NO:21)--.

On page 35, line 5, after "GGGAACCGTCACCCTTCCC " insert -- (SEQ ID NO:22)--.

On page 35, line 23, after "CGCGCCCCCGCGCGTATCCCTTGGCAGTGGG" insert -- (SEQ ID NO:23)--.

On page 35, line 24, after "ATAGGGAA" insert -- (SEQ ID NO:24)--.

On page 35, line 26, after "AAGGGTATA" insert -- (SEQ ID NO:25)--.

On page 35, line 27, after "CCGTCACCCTTCCCATATGCGCGGGGGGCGCGC " insert -- (SEQ ID NO:26)--.

On page 36, line 12, after "AAGGGTATACGCGCCCCCGCGCGTATCCCTT" insert -- (SEQ ID NO:27)--.

On page 36, line 13, after "TCCCATATGCGCGGGGGGCGCGCATAGGGAA" insert -- (SEQ ID NO:28)--.

On page 38, line 21, after "ATCACTAGTTTTTTTTTTTTTTTTTTTTTTTTTTT" insert -- (SEQ ID NO:29)--.

On page 38, line 21, after "TAGTGATC " insert -- (SEQ ID NO:30)--.

On page 39, line 24, after "AAGGGCGTCTTC " insert -- (SEQ ID NO:31)--.

On page 39, line 25, after "TCCCGCAGAAG " insert -- (SEQ ID NO:32)--.

On page 40, line 4, after "AAGGGCGTCTTCC " insert -- (SEQ ID NO:33)--.

On page 40, line 5, after "CGCAGAAGGCCGG" insert -- (SEQ ID NO:34)--.

On page 40, line 21, after "GTGCCGAGCGTGCGAAGGGCGTCTTCGGCCTTTTTTTTTTTTTTTTTT  
TTTTT" insert -- (SEQ ID NO:35)--.

On page 40, line 22, after "CACGGCTCGCACGCTTCCCGCAGAAGGCCGG" insert -- (SEQ ID

NO:36)--.

On page ~~40~~, line 31, after "AAGGGCGTCTTCGGCCTTTTTTTTTTTTTTTTTTTTTT" insert --  
(SEQ ID NO:37)--.

On page ~~40~~, line 32, after "TTCCCGCAGAAGCCGG" insert -- (SEQ ID NO:38)--.

On page ~~42~~, line 9, after "CCCTTCGCGGACGTCGCGGAAGGG" insert -- (SEQ ID NO:39)--.

On page ~~42~~, line 10, after "GGGAAGCGCCTGCAGCGCCTTCCC" insert -- (SEQ ID NO:40)--.

On page ~~42~~, line 21, after "CGCGGAAGGGCCCTTGGCAGTGGG" insert -- (SEQ ID NO:41)--.

On page ~~42~~, line 22, after "TGCAGCGCCTTCCCGGGAA" insert -- (SEQ ID NO:42)--.

On page ~~42~~, line 24, after "AAGGGCCCTTCGCGGACGT" insert -- (SEQ ID NO:43)--.

On page ~~42~~, line 25, after "CCGTCACCCTTCCCGGGAAGCGCC" insert -- (SEQ ID NO:44)--.

On page ~~43~~, line 6, after "CGCGGAAGGGCCCTT" insert -- (SEQ ID NO:45)--.

On page ~~43~~, line 7, after "TTCCCGGGAA" insert -- (SEQ ID NO:46)--.

On page ~~43~~, line 13, after "AAGGGCCCTT" insert -- (SEQ ID NO:47)--.

On page ~~43~~, line 14, after "TTCCCGGGAAGCGCC" insert -- (SEQ ID NO:48)--.

On page ~~44~~, line 19, after "AAGGGCCCTT" insert -- (SEQ ID NO:49)--.

On page ~~44~~, line 20, after "TTCCCGGGAA" insert -- (SEQ ID NO:50)--.

**IN THE SEQUENCE LISTING:**

Please enter the Substitute Sequence Listing submitted herewith, on 9 numbered pages, into the instant application in accordance with 37 C.F.R. § 1.821(c).